

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
 Data File : VU056413.D  
 Acq On : 16 Nov 2023 17:33  
 Operator : MD/SY  
 Sample : 05371-13  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCDP0

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M

Title : TRACE VOA SFAM1.0

Signal : TIC: VU056413.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 1.486       | 54            | 61          | 67           | rBV      | 65990          | 70617         | 4.57%           | 0.485%        |
| 2         | 1.515       | 67            | 70          | 80           | rVB      | 17145          | 18275         | 1.18%           | 0.126%        |
| 3         | 1.595       | 85            | 95          | 106          | rVV2     | 157415         | 194942        | 12.61%          | 1.339%        |
| 4         | 1.685       | 116           | 123         | 132          | rVB2     | 25283          | 33150         | 2.15%           | 0.228%        |
| 5         | 1.907       | 184           | 192         | 209          | rVV      | 109040         | 155685        | 10.07%          | 1.069%        |
| 6         | 1.988       | 210           | 217         | 227          | rVB3     | 19544          | 28306         | 1.83%           | 0.194%        |
| 7         | 2.451       | 350           | 361         | 373          | rVB      | 42424          | 73078         | 4.73%           | 0.502%        |
| 8         | 2.560       | 382           | 395         | 407          | rBV      | 224187         | 379130        | 24.53%          | 2.604%        |
| 9         | 2.634       | 407           | 418         | 448          | rVB2     | 177597         | 438295        | 28.36%          | 3.011%        |
| 10        | 2.846       | 453           | 484         | 485          | rBV2     | 63793          | 224181        | 14.51%          | 1.540%        |
| 11        | 3.039       | 540           | 544         | 561          | rVB4     | 18805          | 30719         | 1.99%           | 0.211%        |
| 12        | 4.624       | 1024          | 1037        | 1058         | rBV      | 143132         | 461187        | 29.84%          | 3.168%        |
| 13        | 5.055       | 1156          | 1171        | 1194         | rBV      | 214770         | 481565        | 31.16%          | 3.308%        |
| 14        | 5.721       | 1358          | 1378        | 1390         | rBV2     | 410743         | 1073081       | 69.44%          | 7.371%        |
| 15        | 6.245       | 1528          | 1541        | 1567         | rBV      | 360682         | 698716        | 45.21%          | 4.799%        |
| 16        | 6.537       | 1618          | 1632        | 1654         | rBV2     | 378091         | 723867        | 46.84%          | 4.972%        |
| 17        | 6.685       | 1665          | 1678        | 1697         | rBV      | 248203         | 491711        | 31.82%          | 3.377%        |
| 18        | 6.779       | 1700          | 1707        | 1720         | rVB2     | 9257           | 16950         | 1.10%           | 0.116%        |
| 19        | 6.881       | 1729          | 1739        | 1748         | rBV3     | 8655           | 16924         | 1.10%           | 0.116%        |
| 20        | 7.161       | 1813          | 1826        | 1841         | rBV2     | 28476          | 56493         | 3.66%           | 0.388%        |
| 21        | 7.560       | 1939          | 1950        | 1969         | rBV      | 120134         | 218905        | 14.16%          | 1.504%        |
| 22        | 7.894       | 2041          | 2054        | 2076         | rBV      | 484445         | 862720        | 55.82%          | 5.926%        |
| 23        | 8.177       | 2131          | 2142        | 2160         | rBV2     | 75396          | 130530        | 8.45%           | 0.897%        |
| 24        | 8.547       | 2244          | 2257        | 2272         | rBV      | 903955         | 1545408       | 100.00%         | 10.615%       |
| 25        | 8.627       | 2272          | 2282        | 2316         | rVV      | 559180         | 1060485       | 68.62%          | 7.284%        |
| 26        | 8.785       | 2322          | 2331        | 2352         | rVB3     | 54151          | 98412         | 6.37%           | 0.676%        |
| 27        | 9.412       | 2514          | 2526        | 2545         | rBV      | 507174         | 882916        | 57.13%          | 6.065%        |
| 28        | 10.341      | 2806          | 2815        | 2833         | rBV2     | 46504          | 79831         | 5.17%           | 0.548%        |
| 29        | 10.479      | 2850          | 2858        | 2868         | rBV3     | 9195           | 16834         | 1.09%           | 0.116%        |
| 30        | 10.753      | 2931          | 2943        | 2963         | rBV      | 183067         | 294663        | 19.07%          | 2.024%        |
| 31        | 11.479      | 3162          | 3169        | 3190         | rVB6     | 13859          | 31800         | 2.06%           | 0.218%        |
| 32        | 11.637      | 3204          | 3218        | 3224         | rBV9     | 11949          | 23434         | 1.52%           | 0.161%        |
| 33        | 11.685      | 3224          | 3233        | 3245         | rVV2     | 90746          | 142830        | 9.24%           | 0.981%        |
| 34        | 11.807      | 3259          | 3271        | 3287         | rBV      | 521207         | 866135        | 56.05%          | 5.949%        |
| 35        | 11.891      | 3287          | 3297        | 3309         | rVB      | 156023         | 249009        | 16.11%          | 1.710%        |
| 36        | 12.058      | 3338          | 3349        | 3371         | rBV2     | 81446          | 204262        | 13.22%          | 1.403%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
 Data File : VU056413.D  
 Acq On : 16 Nov 2023 17:33  
 Operator : MD/SY  
 Sample : 05371-13  
 Misc : 25mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GCDP0

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.1

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
 Title : TRACE VOA SFAM1.0

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 12.187 | 3377 | 3389 | 3405 | rBV  | 492864 | 815046 | 52.74% | 5.598% |
| 38 | 12.482 | 3471 | 3481 | 3492 | rVB3 | 18635  | 30665  | 1.98%  | 0.211% |
| 39 | 12.566 | 3499 | 3507 | 3520 | rVB7 | 8720   | 16622  | 1.08%  | 0.114% |
| 40 | 12.675 | 3531 | 3541 | 3559 | rVB2 | 136279 | 246672 | 15.96% | 1.694% |
| 41 | 12.881 | 3593 | 3605 | 3626 | rBV3 | 231013 | 373141 | 24.15% | 2.563% |
| 42 | 13.019 | 3639 | 3648 | 3663 | rVB  | 97904  | 152450 | 9.86%  | 1.047% |
| 43 | 13.122 | 3669 | 3680 | 3693 | rVB  | 10572  | 25062  | 1.62%  | 0.172% |
| 44 | 13.193 | 3693 | 3702 | 3711 | rBV2 | 12494  | 17912  | 1.16%  | 0.123% |
| 45 | 13.441 | 3764 | 3779 | 3793 | rBV  | 123991 | 195455 | 12.65% | 1.343% |
| 46 | 13.617 | 3824 | 3834 | 3846 | rVB6 | 15027  | 26825  | 1.74%  | 0.184% |
| 47 | 13.785 | 3877 | 3886 | 3894 | rBV2 | 13845  | 21863  | 1.41%  | 0.150% |
| 48 | 13.936 | 3926 | 3933 | 3941 | rBV2 | 36527  | 50692  | 3.28%  | 0.348% |
| 49 | 14.203 | 4002 | 4016 | 4026 | rBV  | 61715  | 112774 | 7.30%  | 0.775% |
| 50 | 15.167 | 4306 | 4316 | 4325 | rBV2 | 20556  | 33916  | 2.19%  | 0.233% |
| 51 | 15.952 | 4549 | 4560 | 4570 | rBV3 | 27706  | 48489  | 3.14%  | 0.333% |
| 52 | 16.010 | 4573 | 4578 | 4591 | rVB3 | 9591   | 16072  | 1.04%  | 0.110% |

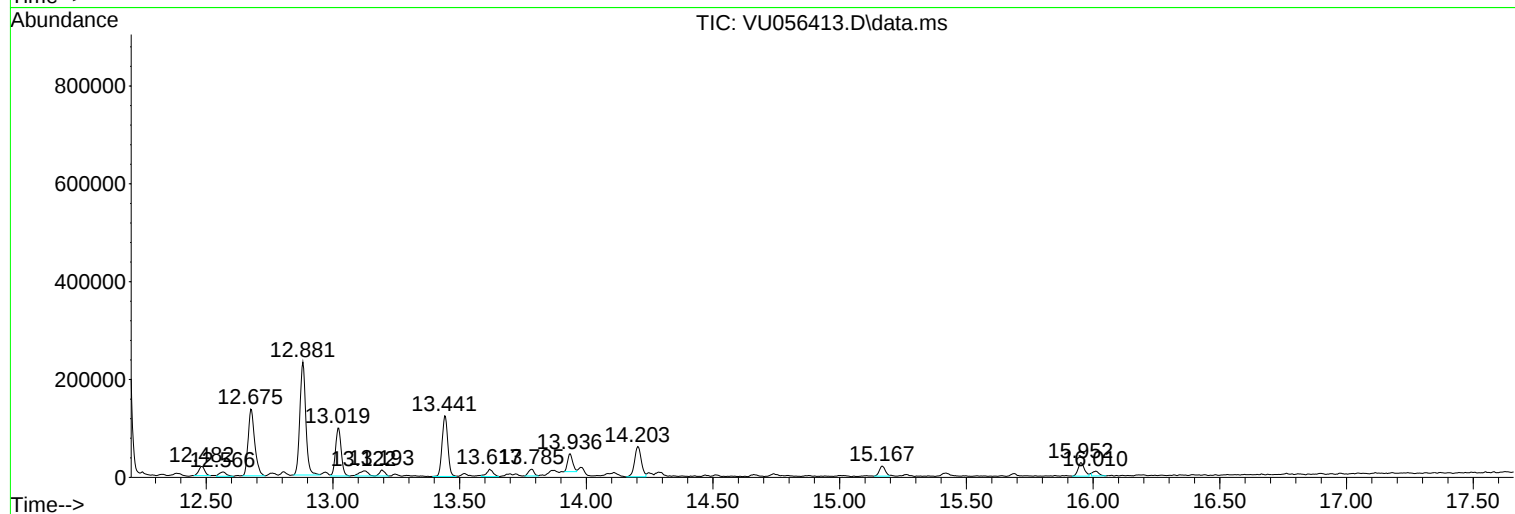
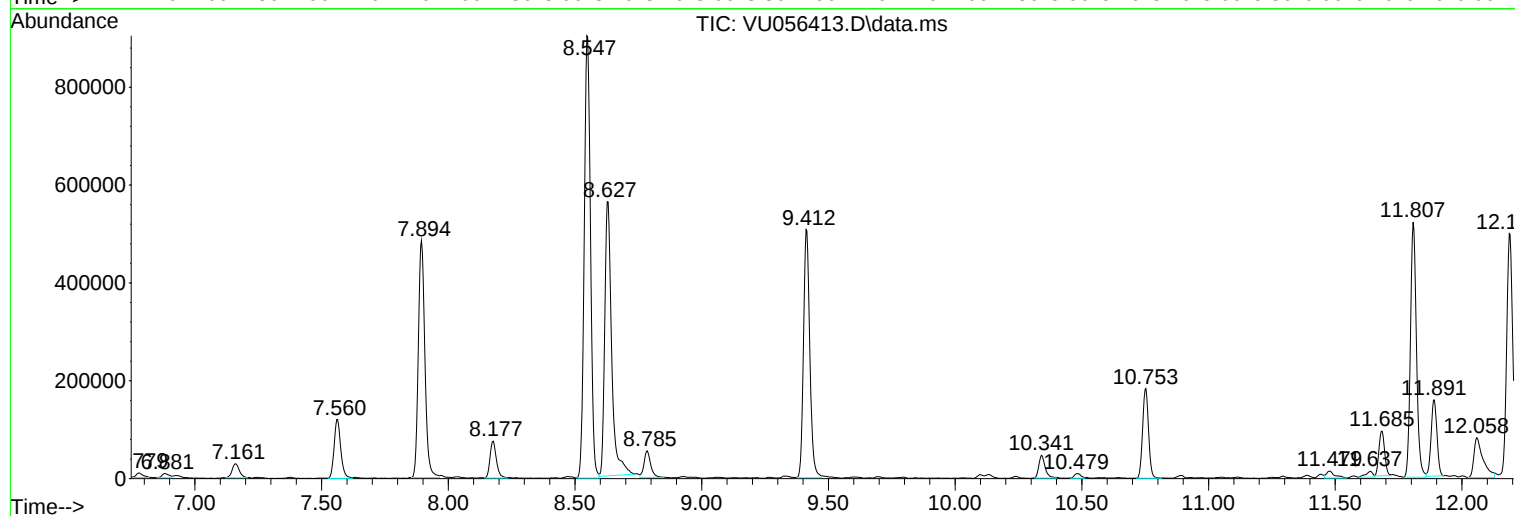
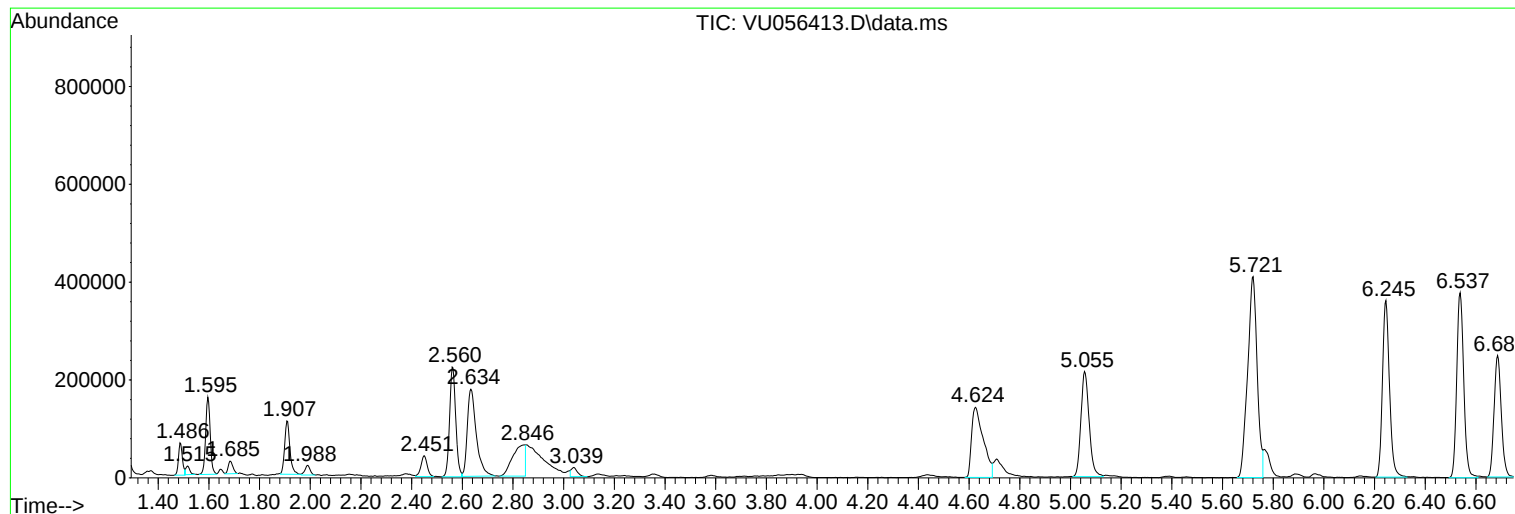
Sum of corrected areas: 14558702

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

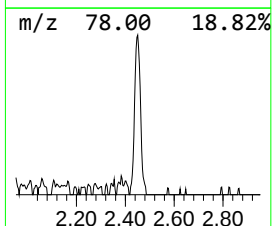
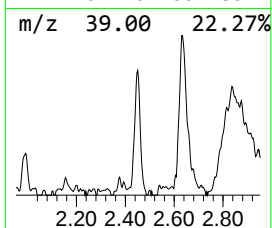
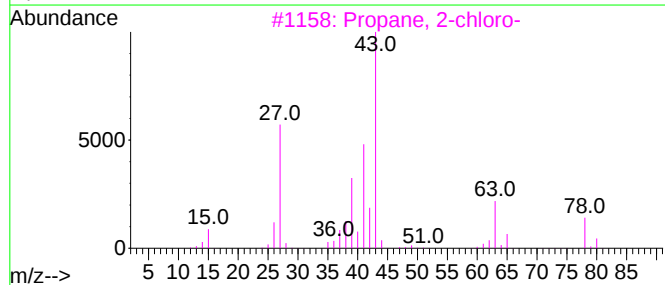
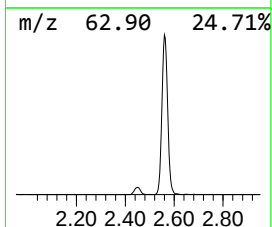
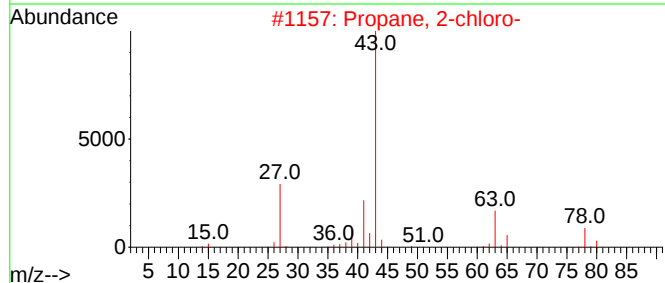
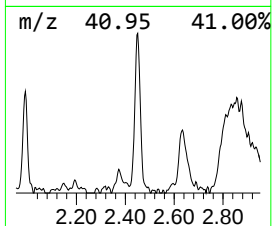
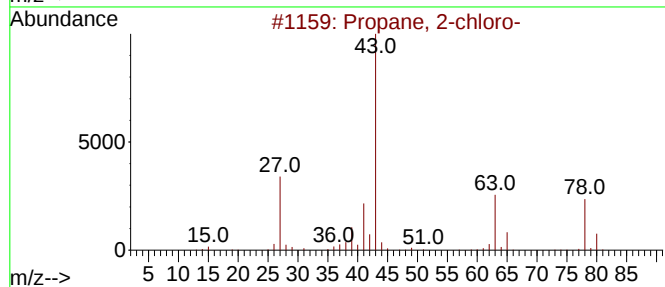
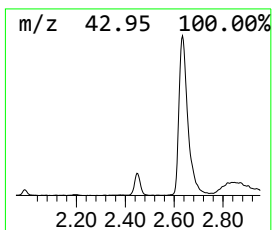
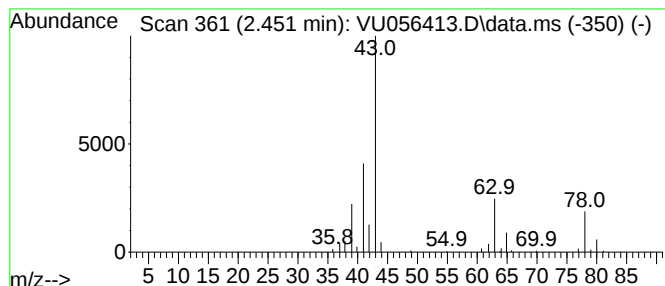
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Propane, 2-chloro- Concentration Rank 12

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 2.451 | 0.52 ug/L | 73078 | 1,4-Difluorobenzene | 6.245 |

| Hit# | of                 | 5 | Tentative ID | MW | MolForm | CAS#        | Qual |
|------|--------------------|---|--------------|----|---------|-------------|------|
| 1    | Propane, 2-chloro- |   |              | 78 | C3H7Cl  | 000075-29-6 | 87   |
| 2    | Propane, 2-chloro- |   |              | 78 | C3H7Cl  | 000075-29-6 | 64   |
| 3    | Propane, 2-chloro- |   |              | 78 | C3H7Cl  | 000075-29-6 | 40   |
| 4    | Acetyl chloride    |   |              | 78 | C2H3ClO | 000075-36-5 | 9    |
| 5    | 2-Chloroethanol    |   |              | 80 | C2H5ClO | 000107-07-3 | 4    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

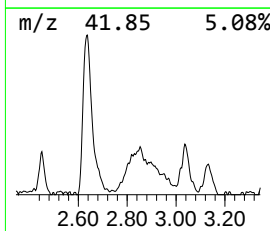
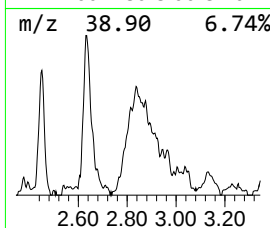
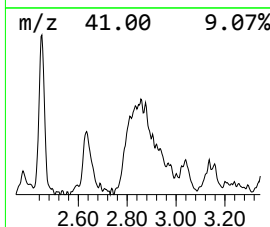
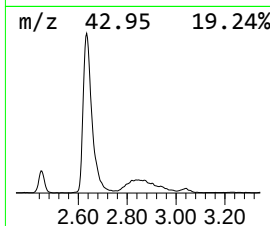
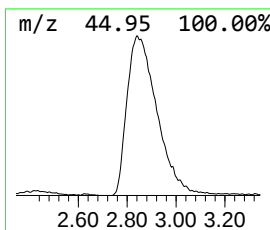
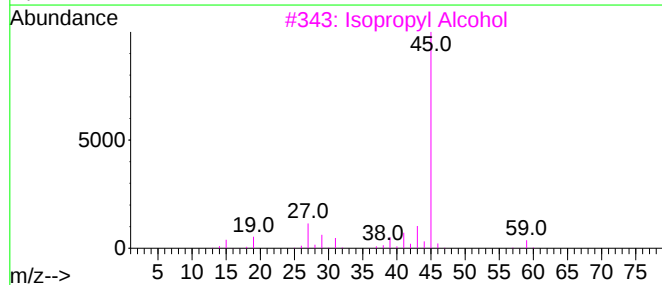
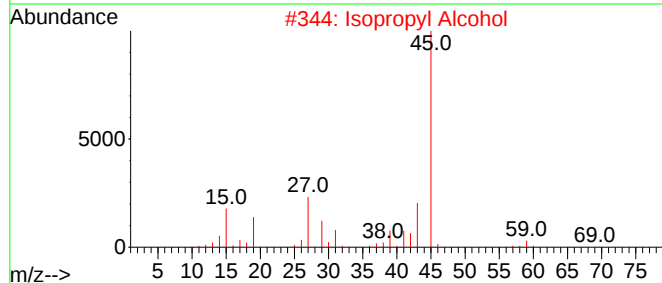
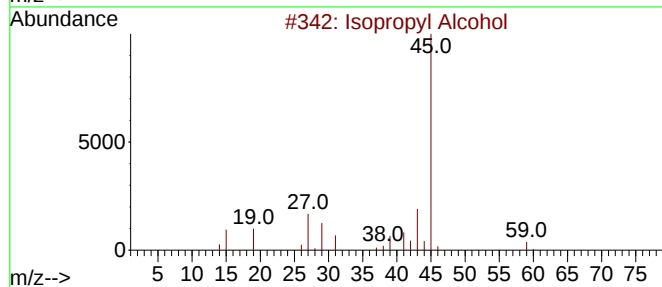
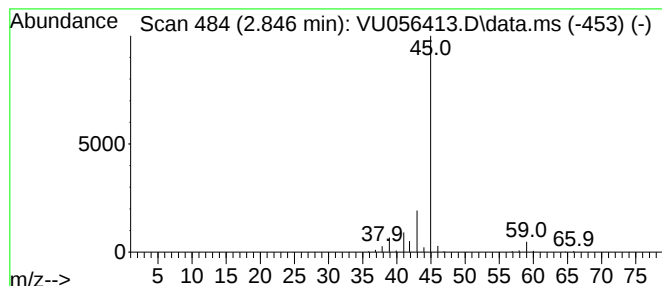
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Isopropyl Alcohol Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 2.846 | 1.60 ug/L | 224181 | 1,4-Difluorobenzene | 6.245 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 78   |
| 2    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 64   |
| 3    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 64   |
| 4    |    |   | Isopropyl Alcohol        | 60 | C3H8O   | 000067-63-0 | 9    |
| 5    |    |   | Hydrazine, 1,2-dimethyl- | 60 | C2H8N2  | 000540-73-8 | 9    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

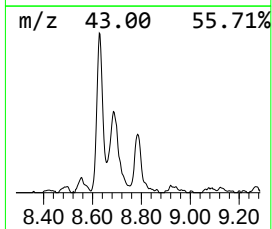
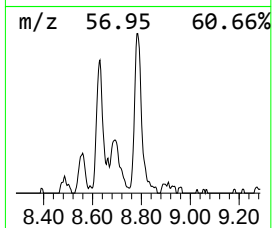
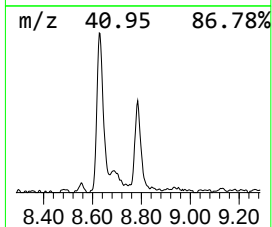
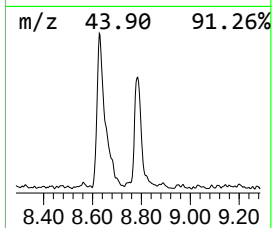
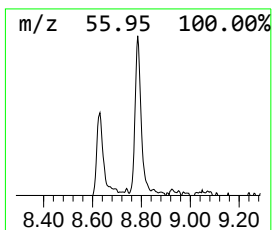
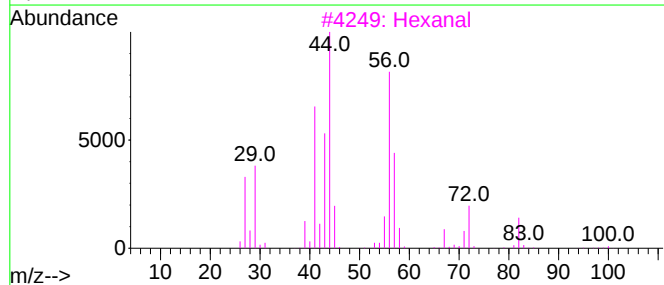
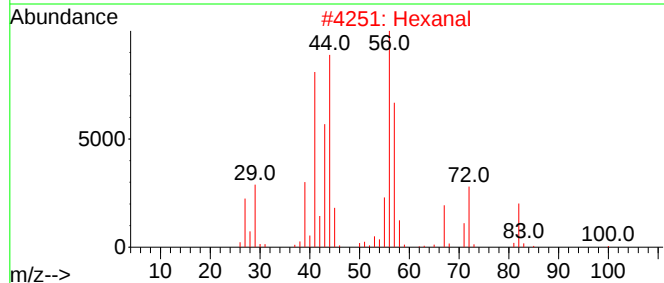
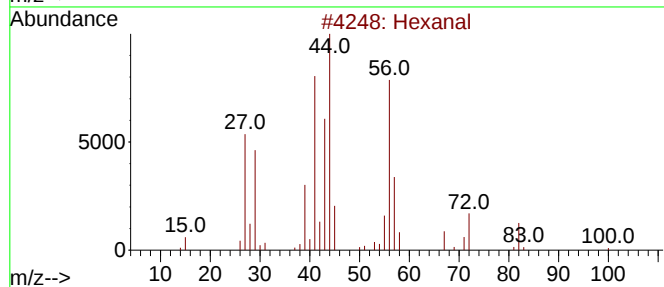
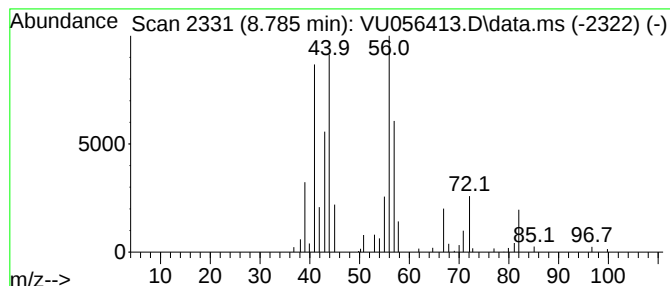
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 4 Hexanal Concentration Rank 11

| R.T.  | EstConc   | Area  | Relative to ISTD | R.T.  |
|-------|-----------|-------|------------------|-------|
| 8.785 | 0.56 ug/L | 98412 | Chlorobenzene-d5 | 9.415 |

| Hit# | of      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------|---|--------------|-----|---------|-------------|------|
| 1    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 90   |
| 2    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 90   |
| 3    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 83   |
| 4    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 78   |
| 5    | Hexanal |   |              | 100 | C6H12O  | 000066-25-1 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

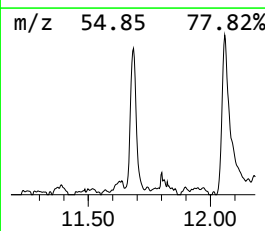
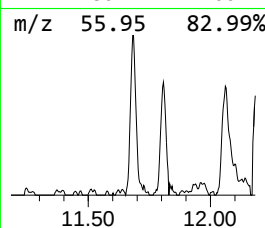
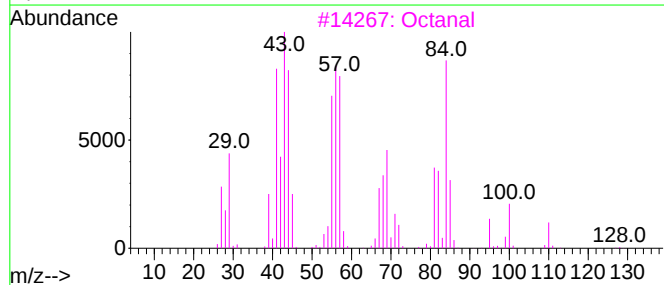
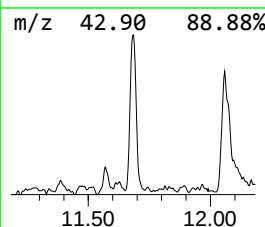
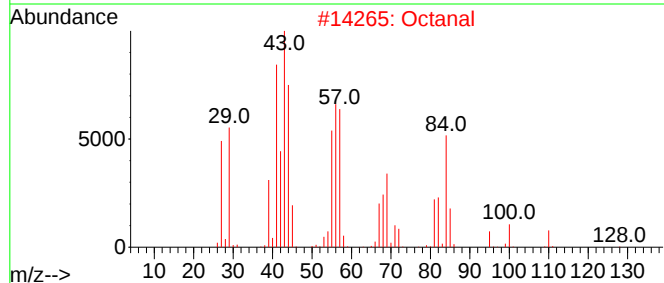
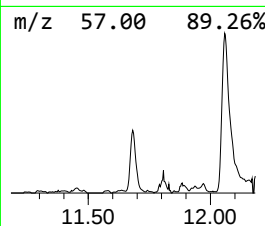
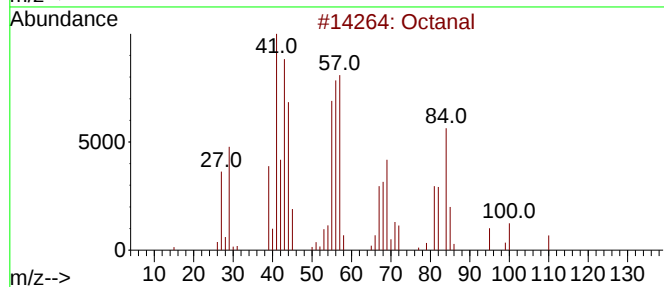
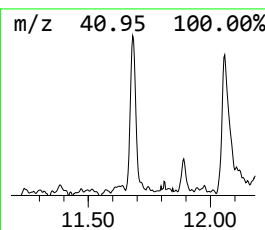
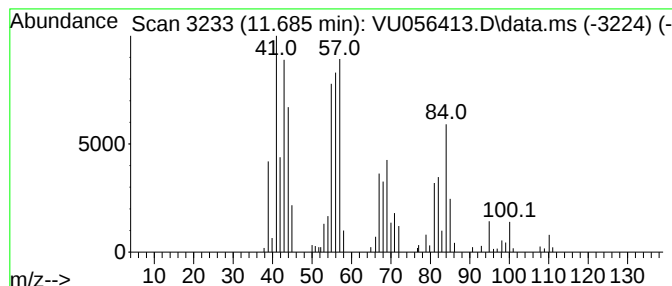
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Octanal Concentration Rank 9

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.685 | 0.82 ug/L | 142830 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of      | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------|---|--------------|-----|---------|-------------|------|
| 1    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 91   |
| 2    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 90   |
| 3    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 86   |
| 4    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 86   |
| 5    | Octanal |   |              | 128 | C8H16O  | 000124-13-0 | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

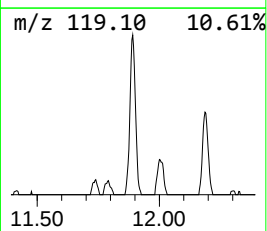
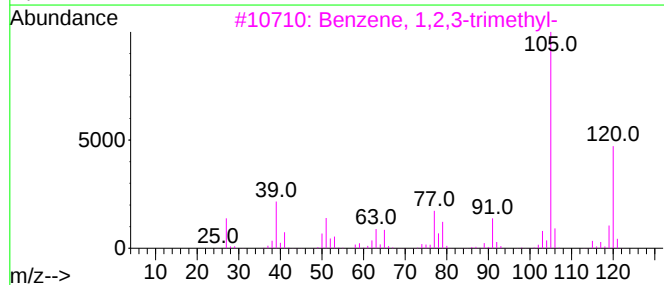
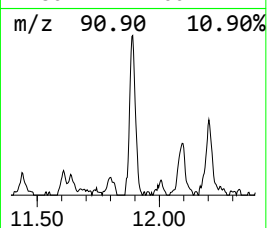
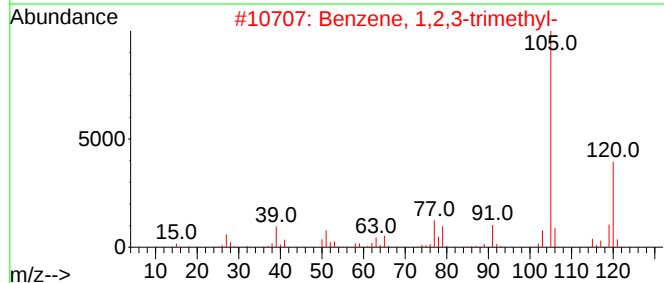
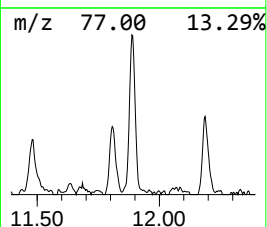
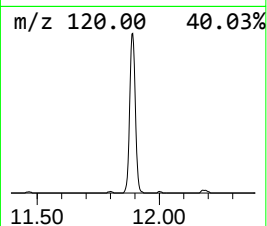
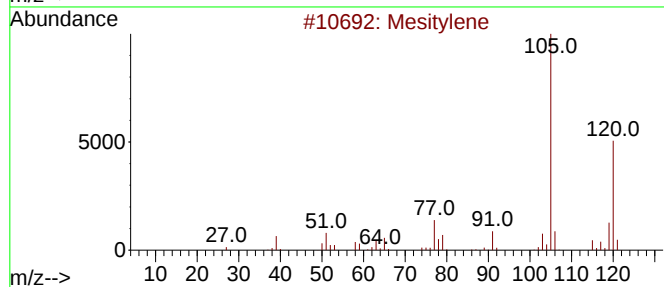
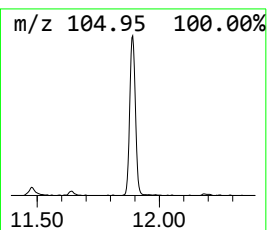
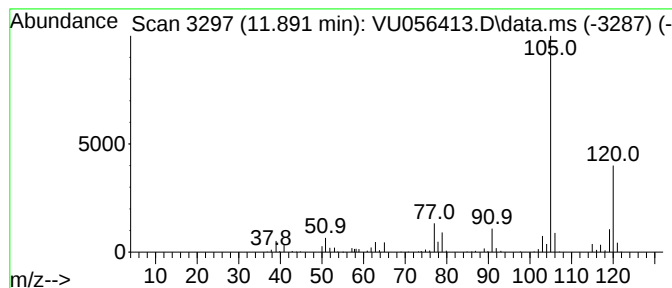
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 11.891 | 1.44 ug/L | 249009 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                | 120 | C9H12   | 000108-67-8 | 97   |
| 2    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 95   |
| 3    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 94   |
| 4    |    |   | Benzene, 1,2,3-trimethyl- | 120 | C9H12   | 000526-73-8 | 93   |
| 5    |    |   | Benzene, 1,2,4-trimethyl- | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

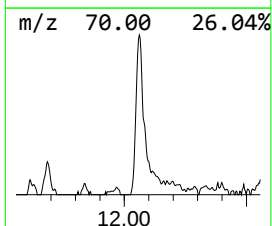
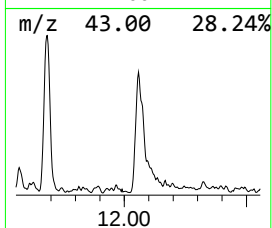
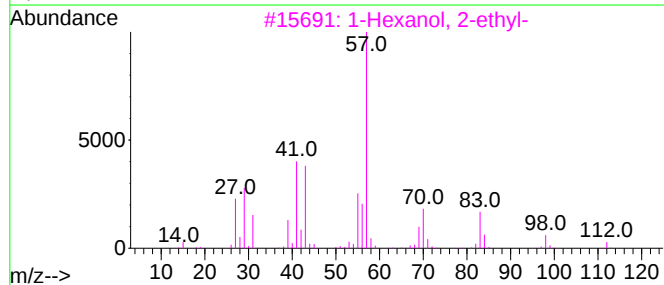
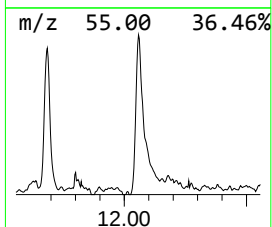
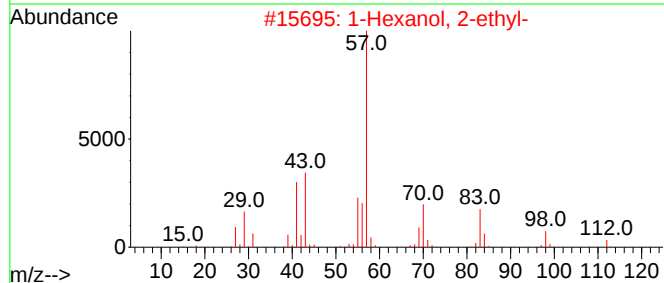
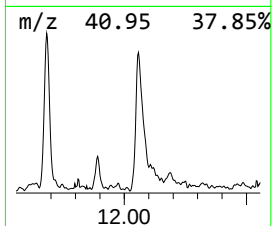
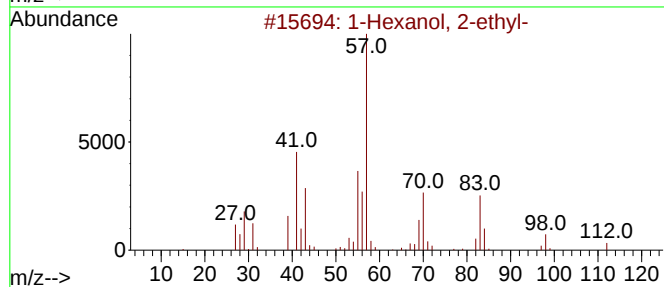
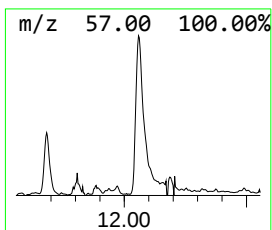
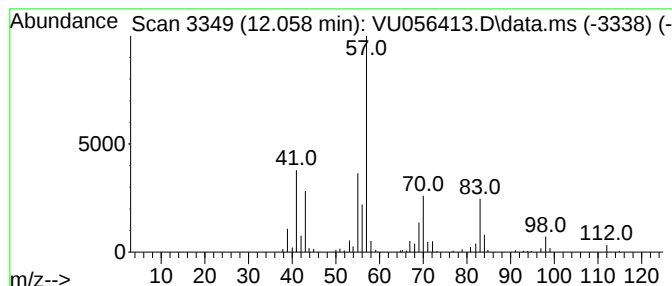
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 7 1-Hexanol, 2-ethyl- Concentration Rank 6

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.058 | 1.18 ug/L | 204262 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of                  | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|---------------------|---|--------------|-----|---------|-------------|------|
| 1    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 90   |
| 2    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 3    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 4    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 83   |
| 5    | 1-Hexanol, 2-ethyl- |   |              | 130 | C8H18O  | 000104-76-7 | 78   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

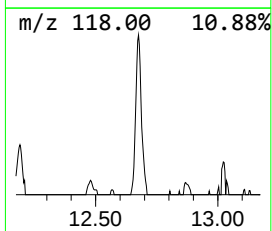
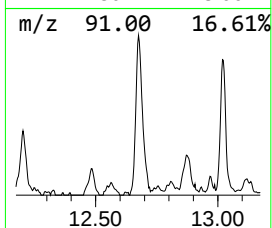
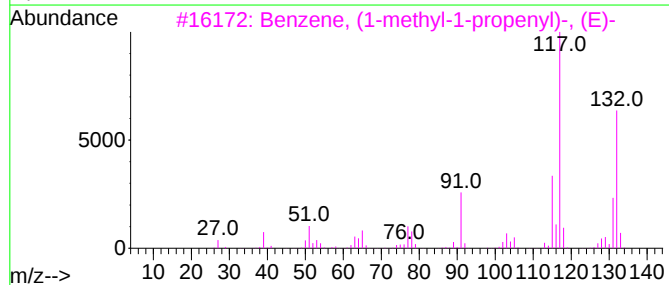
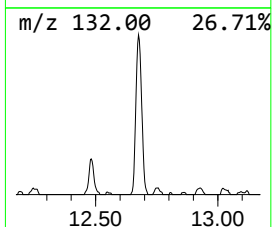
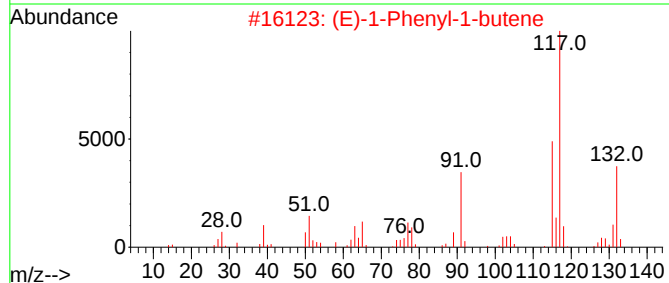
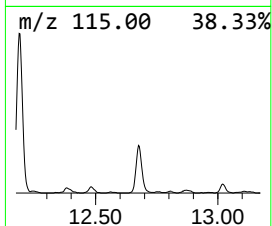
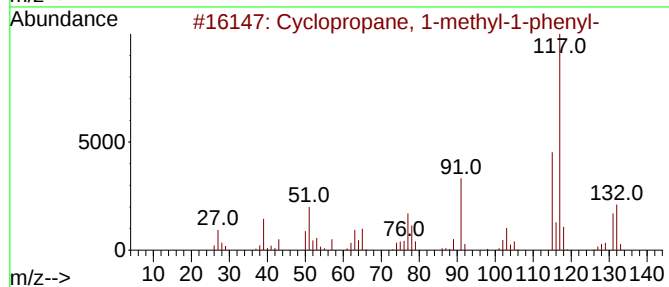
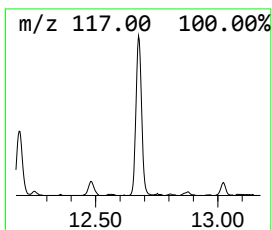
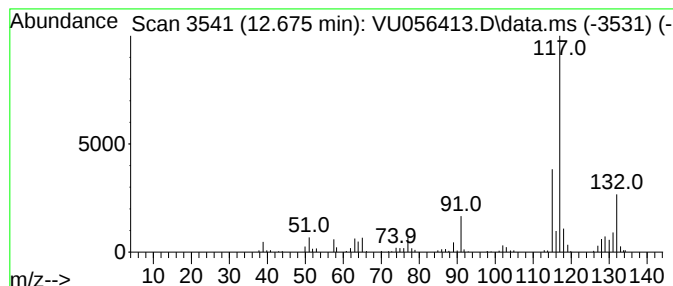
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Cyclopropane, 1-methyl-1-ph... Concentration Rank 5

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.675 | 1.42 ug/L | 246672 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclopropane, 1-methyl-1-phenyl-    | 132 | C10H12  | 002214-14-4 | 87   |
| 2    |    |   | (E)-1-Phenyl-1-butene               | 132 | C10H12  | 001005-64-7 | 87   |
| 3    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 87   |
| 4    |    |   | Benzene, 1-methyl-4-(2-propenyl)-   | 132 | C10H12  | 003333-13-9 | 87   |
| 5    |    |   | Benzene, (2-methyl-1-propenyl)-     | 132 | C10H12  | 000768-49-0 | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

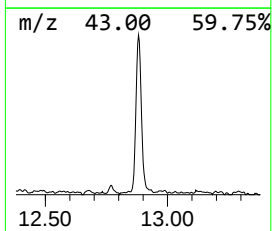
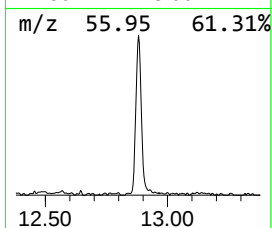
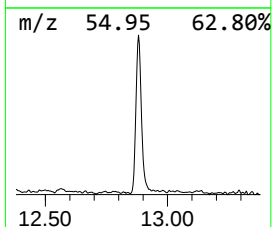
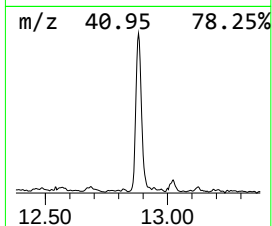
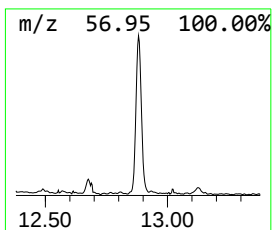
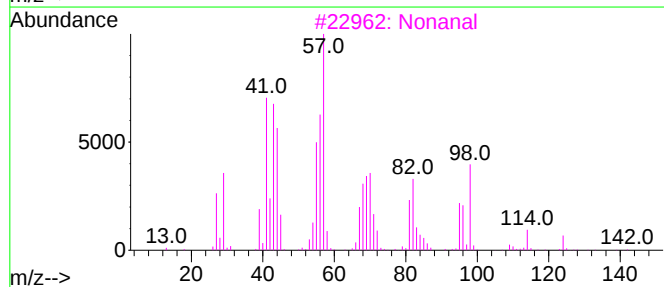
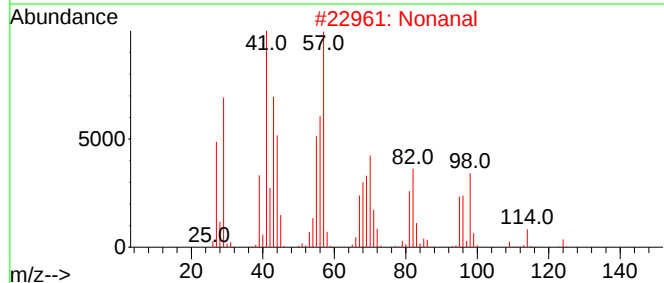
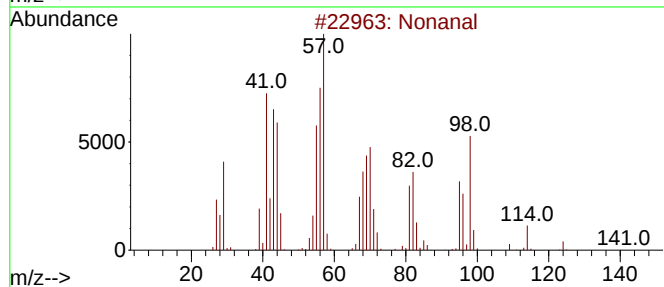
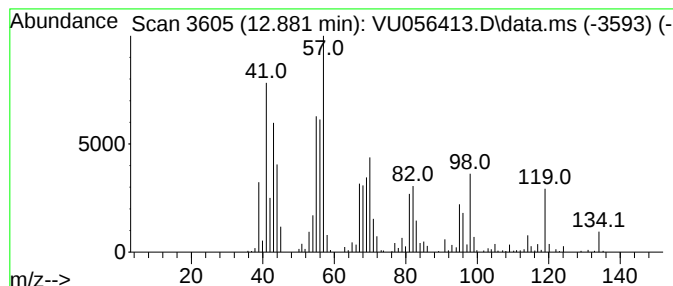
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 9 Nonanal Concentration Rank 1

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 12.881 | 2.15 ug/L | 373141 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Nonanal      | 142 | C9H18O  | 000124-19-6 | 83   |
| 2    |    |   | Nonanal      | 142 | C9H18O  | 000124-19-6 | 83   |
| 3    |    |   | Nonanal      | 142 | C9H18O  | 000124-19-6 | 64   |
| 4    |    |   | Cycloheptane | 98  | C7H14   | 000291-64-5 | 38   |
| 5    |    |   | Cycloheptane | 98  | C7H14   | 000291-64-5 | 35   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

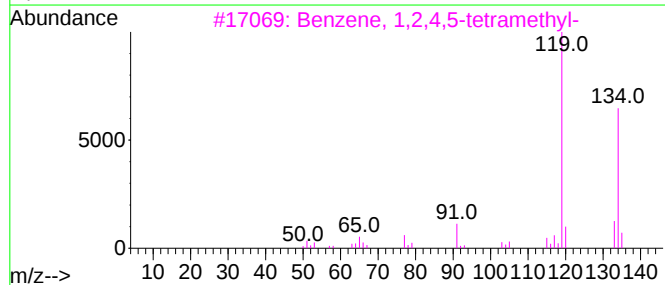
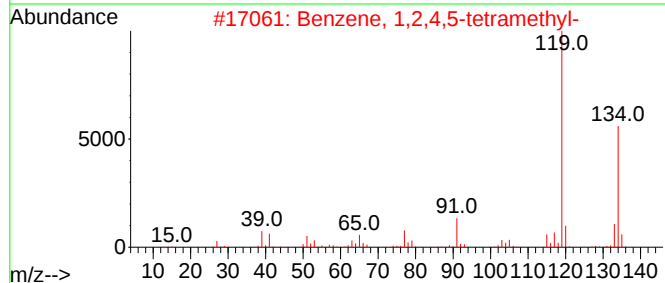
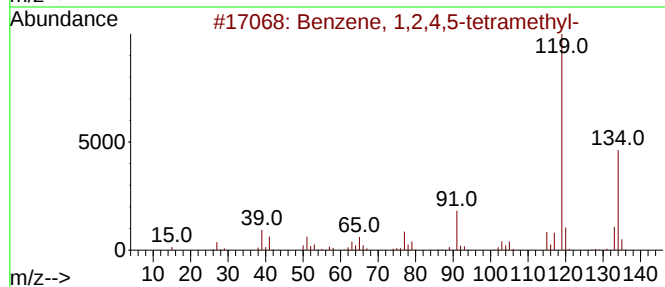
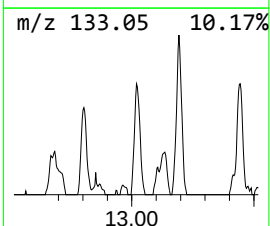
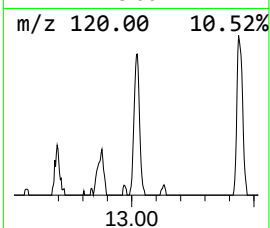
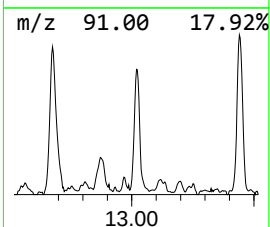
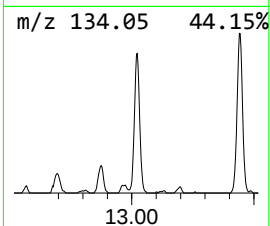
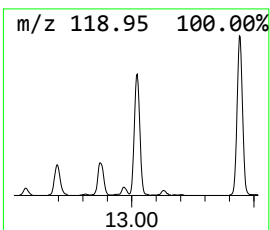
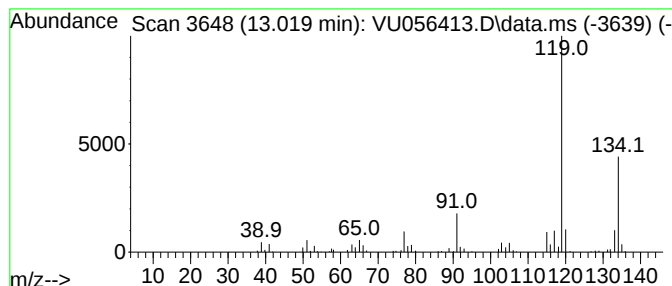
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 8

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.019 | 0.88 ug/L | 152450 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 97   |
| 2    |    |   | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 94   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 94   |
| 4    |    |   | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 94   |
| 5    |    |   | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

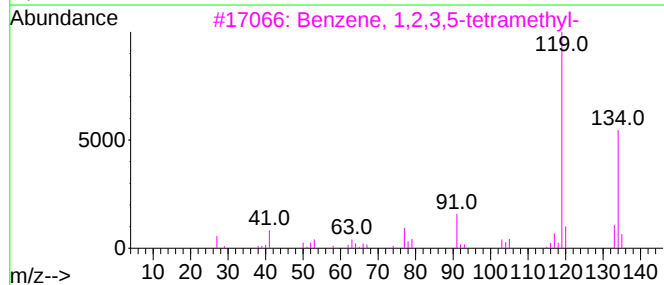
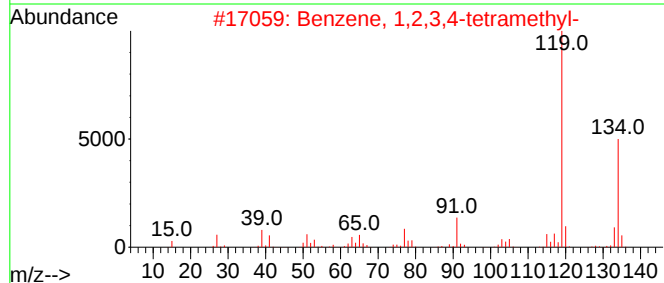
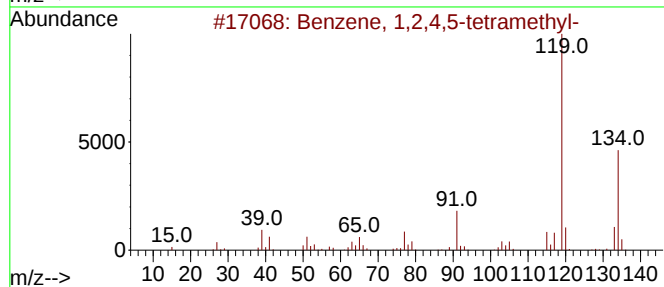
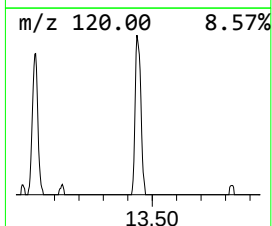
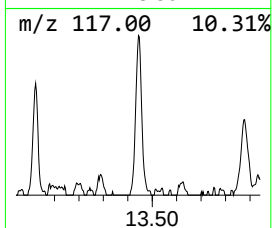
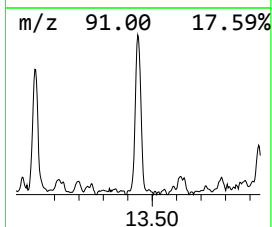
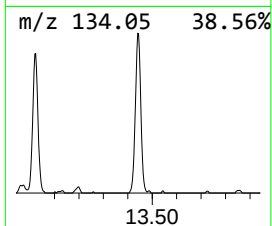
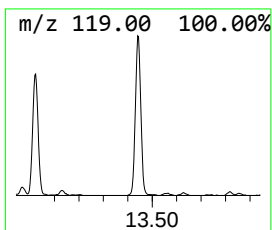
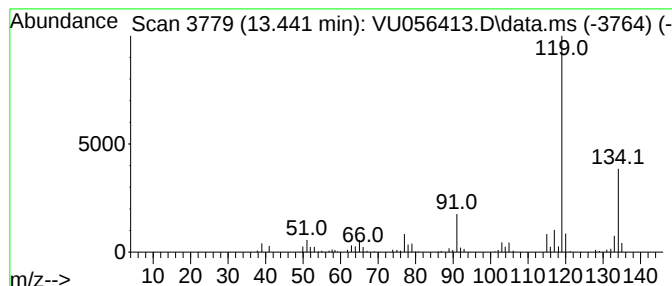
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 7

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 13.441 | 1.13 ug/L | 195455 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,4,5-tetramethyl- | 134 | C10H14  | 000095-93-2 | 97   |
| 2    |    |   | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 95   |
| 3    |    |   | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 95   |
| 4    |    |   | Benzene, 1,2,3,5-tetramethyl- | 134 | C10H14  | 000527-53-7 | 95   |
| 5    |    |   | Benzene, 1,2,3,4-tetramethyl- | 134 | C10H14  | 000488-23-3 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

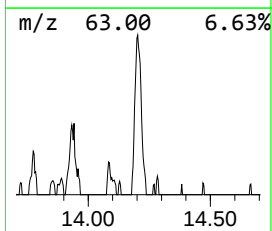
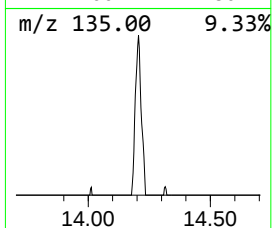
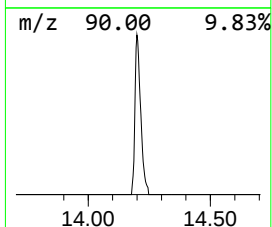
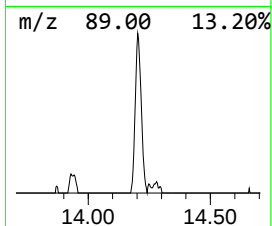
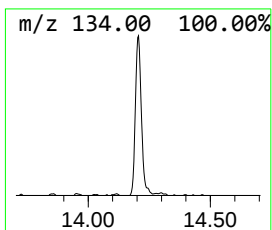
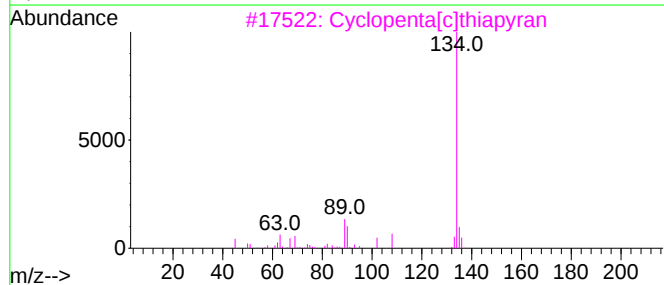
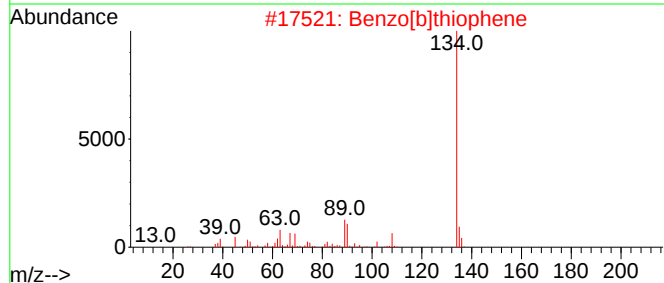
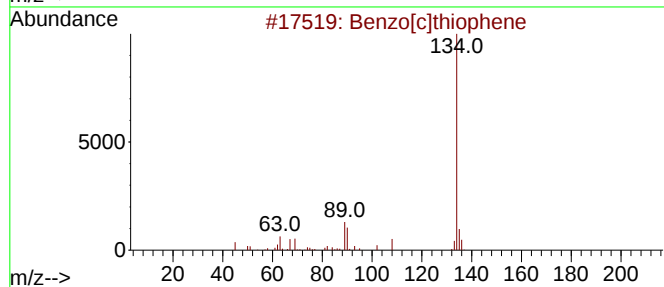
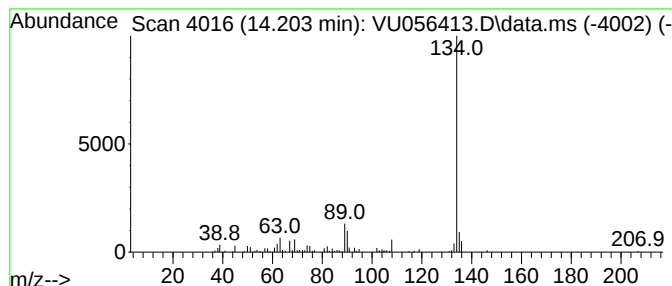
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Benzo[c]thiophene Concentration Rank 10

| R.T.   | EstConc   | Area   | Relative to ISTD       | R.T.   |
|--------|-----------|--------|------------------------|--------|
| 14.203 | 0.65 ug/L | 112774 | 1,4-Dichlorobenzene-d4 | 11.807 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzo[c]thiophene      | 134 | C8H6S   | 000270-82-6 | 95   |
| 2    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 94   |
| 3    |    |   | Cyclopenta[c]thiapyran | 134 | C8H6S   | 000270-63-3 | 94   |
| 4    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 94   |
| 5    |    |   | Benzo[b]thiophene      | 134 | C8H6S   | 000095-15-8 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU111623\  
Data File : VU056413.D  
Acq On : 16 Nov 2023 17:33  
Operator : MD/SY  
Sample : 05371-13  
Misc : 25mL/MSVOA\_U/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GCDP0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111323WMA.M  
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Propane, 2-chloro- | 2.451  | 0.5     | ug/L  | 73078    | 1                     | 6.245  | 698716 | 5.0  |
| Isopropyl Alcohol  | 2.846  | 1.6     | ug/L  | 224181   | 1                     | 6.245  | 698716 | 5.0  |
| Hexanal            | 8.785  | 0.6     | ug/L  | 98412    | 2                     | 9.415  | 882916 | 5.0  |
| Octanal            | 11.685 | 0.8     | ug/L  | 142830   | 3                     | 11.807 | 866135 | 5.0  |
| Benzene, 1,2,3-... | 11.891 | 1.4     | ug/L  | 249009   | 3                     | 11.807 | 866135 | 5.0  |
| 1-Hexanol, 2-et... | 12.058 | 1.2     | ug/L  | 204262   | 3                     | 11.807 | 866135 | 5.0  |
| Cyclopropane, 1... | 12.675 | 1.4     | ug/L  | 246672   | 3                     | 11.807 | 866135 | 5.0  |
| Nonanal            | 12.881 | 2.1     | ug/L  | 373141   | 3                     | 11.807 | 866135 | 5.0  |
| Benzene, 1,2,4,... | 13.019 | 0.9     | ug/L  | 152450   | 3                     | 11.807 | 866135 | 5.0  |
| Benzene, 1,2,3,... | 13.441 | 1.1     | ug/L  | 195455   | 3                     | 11.807 | 866135 | 5.0  |
| Benzo[c]thiophene  | 14.203 | 0.7     | ug/L  | 112774   | 3                     | 11.807 | 866135 | 5.0  |